

DECISION DOCUMENT
DOCK 3 LANDFILL, SWMU J-07
Hawthorne Army Depot
Hawthorne, Nevada
September 1999

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1. PURPOSE OF DECISION DOCUMENT

ENVIRONMENTAL PROTECTION

1.1 Introduction

This decision document describes the rationale for the remedial action at, and closure of, Solid Waste Management Unit (SWMU) J-07, Dock 3 Landfill, at the Hawthorne Army Depot (HWAD), Hawthorne, Nevada. This decision document was developed by the U.S. Army Corps of Engineers, Sacramento District (USACE), HWAD, and Day & Zimmermann Hawthorne Corporation with support from the Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP).

1.2 Site Description and Background

SWMU J07 is located north of the intersection of 1st Avenue South and 2nd Avenue South and east of Group 50.

SWMU J-07 is a former landfill that had been filled and covered. Packing and construction materials were reportedly disposed of, burned in place, and subsequently covered (RAI 1992). The site appears in a 1954 aerial photo (EMSL, 1981) as a "pit area" located southwest of the dock. The same pit area is identified in a 1980 aerial photograph (EMSL, 1981), which shows an "old pit area" and "bulldozer scars" located southwest of Dock 3. Other "bulldozer scars" are identified on the northeast side of the dock. A storm water drainage ditch along the west edge of the old pit area marks the approximate west boundary of the disturbed land surface. A dirt road, which runs around the western perimeter of the dock, marks the approximate east boundary of the site. The old pit area is about 1,500 feet long and 350 feet wide (about 12 acres).

Tetra Tech reviewed all previous work done for the Group B SWMUs and compiled an annotated bibliography for past work (Tetra Tech, 1993).

Tetra Tech inspected the site in November 1993. The ground surface was uneven, apparently due in part to past earthmoving activities. Several low mounds of soil of unknown origin were present in the south and central portions of the old pit area. A few scattered items of debris were observed throughout the area. The location of the landfill could not be determined. If the site was used for burning dunnage, as was suspected to have occurred outside other dock areas, then the disposal area would have been identifiable from nails and other metal items in the packing that remained on the ground after the burning.

The depth to ground water at the site was expected to be about 290 feet, based on 1974 conditions and assuming a decline in the water table since then of about 20 feet. The water level in Supply Well No. 2, located about 1,400 feet northwest of the site, was 4,080 feet above mean sea level (msl) in 1974. The ground surface at the site was at an elevation of about 4,350 feet above msl.

Tetra Tech conducted a basewide ground water level survey in March, 1994. Based on this survey, ground water at SWMU J-07 was estimated at a depth of 275 feet (4,085 msl).

1.3 Chemicals of Concern

The potential chemicals of concern are listed in Table 1.

Table 1 - Summary of Chemicals of Concern

Chemical of Concern	Rationale Behind Designation	Reference
Metals	Possible metals disposal.	USACE 1993
Volatile Organic Compounds	Possible solvent disposal.	USACE 1993
Petroleum Hydrocarbons (added)	May have been used as a fuel for burning trash at loading dock.	Tetra Tech 1993

2. SUMMARY OF SITE RISK

All soil gas survey results were non-detect for volatile organic compounds (VOCs) and BTEX (benzene, toluene, ethylbenzene and xylene). Soil samples were non-detect for total petroleum hydrocarbons-diesel (TPH-d) and BTEX was detected at concentrations no greater than 10 mg/kg. Concentrations of methylene chloride at levels below the proposed closure goal were detected in the subsurface samples. This VOC is likely associated with the analytical laboratory equipment and process, and is not considered representative of soil conditions at this SWMU, and therefore does not warrant further action.

3. SUMMARY OF REMEDIAL INVESTIGATIONS and REMEDIAL ACTIONS

3.1 Remedial Investigations

3.1.1 Objectives

The objective of the investigation at SWMU J-07 was:

- To determine the presence of metals, VOC's, and petroleum hydrocarbons in the surface and subsurface soils at the site.

This objective was met.

3.1.2 Planned and Actual Investigation

Proposed and actual field activities are described in Table 2. Figure J-07-2 shows the locations of the actual field investigation activities at SWMU J-07. A permanent monument was installed and surveyed, and SWMU boundaries delineated, at the locations shown on these figures. The appendices to this report include HWAD proposed closure goals for soils, laboratory detection limits, survey results, and photographs. All activities were conducted based on the Work Plan (Tetra Tech, 1994a), Site Safety and Health Plan (Tetra Tech, 1994b) and the Chemical Data Acquisition Plan (Tetra Tech, 1994c).

Table 2 - Summary of Planned and Actual Field Investigation

Planned Investigation	Actual Investigation	Comments
Geophysics - Magnetometry on both sides	Geophysics - Magnetometry on both sides	
Soil Gas Survey - 20 samples at up to 20 locations on west side, at 5 ft depths	Soil Gas Survey - 10 samples at 10 locations at 5 ft depths	Based upon ND results of first 10 samples, remaining 10 samples were not taken.
Near Surface Sampling - 10 soil samples at 10 locations	Near Surface Sampling - 10 soil samples at 10 locations	
Subsurface Sampling - CPT ^a sounding at 3 locations to 30 ft. CPT sampling at 5 locations to 30 ft depths, 4 samples per location	Subsurface Sampling - CPT sounding at 4 locations to 30 ft. CPT sampling at 5 locations to depths ranging from 19.5 to 29 ft, 3 to 4 samples per location	Refusal at lower depths at 3 of the 5 locations. Could not collect fourth sample at one location. Additional sounding conducted due to size of site.
Surveying - GPS ^b at magnetometry lines, soil gas and CPT locations	Surveying - GPS at magnetometry lines, soil gas and CPT locations	

^aCPT = Cone penetrometer test

^bGPS = Global positioning system

Soil samples collected and analyses performed are as follows:

<u>Sample Locations</u>	<u>Depth (ft)</u>	<u>Metals Analyses</u>	<u>BTEX Analyses</u>	<u>TPH-d Analyses</u>	<u>VOCs Analyses</u>
<u>Near Surface</u>					
SS01 through SS10 (10 locations)	0.5	Y	Y	Y	N
<u>Subsurface</u>					
SB01-E	7, 12, 21, 29	Y	N	Y	Y
SB02-E	7, 10, 19	Y	N	Y	Y
SB01	6, 12, 16, 24	Y	N	Y	Y
SB02	6, 12, 19, 28	Y	N	Y	Y
SB03	6, 12, 16, 24	Y	N	Y	Y

NOTE: Boring numbers were given a designation of 'E' on the east side of the SWMU.

3.1.3 Results

Magnetometry and electromagnetometry (E Mag) surveys were conducted on both the east and west sides of SWMU J-07. The surveys covered a total of 24.6 acres using a 20-foot grid. Reported anomalies were primarily from scattered metallic debris. Linear anomalous trends were interpreted as buried gravel roads or trenches with limited amounts of non-ferrous conductive debris. An E Mag anomaly on the east side was of a shape and amplitude that indicated a geologic terrain change.

Table 3 lists soil gas analytical results for volatile organic compounds (VOCs) and benzene, toluene, ethylbenzene, and xylene (BTEX).

Table 3 - Summary of Soil Gas Survey Analytical Results

Sample Number	Sampled Date	Sample Depth (ft)	VOCs (ug/L) EPA Method 8010-M	BTEX (ug/L) EPA Method 8020-M
J07-SG-01	23-Jun-94	5.0	ND*	ND
J07-SG-02	23-Jun-94	5.0	ND	ND
J07-SG-03	23-Jun-94	5.0	ND	ND
J07-SG-04	23-Jun-94	5.0	ND	ND
J07-SG-05	23-Jun-94	5.0	ND	ND
J07-SG-06	23-Jun-94	5.0	ND	ND
J07-SG-07	23-Jun-94	5.0	ND	ND
J07-SG-08	23-Jun-94	5.0	ND	ND
J07-SG-09	23-Jun-94	5.0	ND	ND
J07-SG-10	23-Jun-94	5.0	ND	ND

*ND = Below laboratory method detection limit

Table 4 lists the metals analytical results for the soil samples. The associated background levels and the proposed closure goals of metals are also shown in this table.

Table 4 - Summary of Metals Analytical Results

Sample Number	Sampled Date	Sample Depth (ft)	Metals (mg/kg)							
			EPA Method 6010 (Method 7471 for Hg)							
As	Ba	Cd	Cr	Pb	Hg	Se	Ag			
Near Surface Samples										
J07-SS01-1-S	11-Jul-94	0.25 - 0.50	ND*	170	1.4	5.7	17	0.041	ND	ND
J07-SS02-1-S	11-Jul-94	0.25 - 1.0	ND	210	2.0	7.9	16	ND	ND	ND
J07-SS03-1-S	11-Jul-94	0.25 - 0.50	5.7	250	2.2	6.7	18	0.087	5.3	ND
J07-SS04-1-S	11-Jul-94	0.25 - 0.50	ND	130	2.1	5.5	11	ND	5.5	ND
J07-SS05-1-S	11-Jul-94	0.25 - 0.50	ND	93	1.4	5.4	9.3	ND	ND	ND
J07-SS06-1-S	11-Jul-94	0.25 - 0.50	ND	160	1.4	5.9	11	ND	ND	ND
J07-SS07-1-S	11-Jul-94	0.25 - 0.50	4.3	290	2.5	10.0	23	ND	8.2	ND
J07-SS08-1-S	11-Jul-94	0.25 - 0.50	7.5	430	2.6	12	30	0.059	6.4	ND
J07-SS09-1-S	11-Jul-94	0.25 - 0.50	ND	230	1.7	8.2	15	0.047	6.8	ND
J07-SS10-1-S	11-Jul-94	0.25 - 0.50	11	390	0.93	13	32	ND	5.1	ND

Subsurface Samples											
J07E-SB01-1-S	16-Aug-94	7.25 - 7.50	ND	67	ND	4.0	5.7	ND	ND	1.6	
J07E-SB01-2-S	16-Aug-94	11.75 - 12.0	ND	51	ND	2.2	ND	ND	ND	ND	
J07E-SB01-3-S	16-Aug-94	21.25 - 21.50	ND	160	ND	6.4	8.0	ND	ND	1.1	
J07E-SB01-4-S	16-Aug-94	28.75 - 29.0	ND	98	ND	9.2	5.6	ND	ND	ND	
J07E-SB02-1-S	17-Aug-94	7.25 - 7.50	ND	290	1.2	9.6	19	ND	ND	ND	
J07E-SB02-2-S	17-Aug-94	10.25 - 10.50	ND	230	0.72	4.8	9.9	ND	ND	ND	
J07E-SB02-3-S	17-Aug-94	19.25 - 19.50	ND	120	1.3	6.7	9.9	ND	ND	ND	
J07-SB01-1-S	16-Aug-94	5.75 - 6.0	ND	280	3.0	2.5	15	ND	ND	ND	
J07-SB01-2-S	16-Aug-94	12.25 - 12.50	ND	55	1.0	ND	ND	ND	ND	ND	
J07-SB01-3-S	16-Aug-94	15.75 - 16.0	ND	240	4.0	5.6	17	ND	ND	ND	
J07-SB01-4-S	16-Aug-94	24.25 - 24.50	ND	99	2.7	ND	5.1	ND	ND	ND	
J07-SB02-1-S	16-Aug-94	5.75 - 6.0	ND	100	ND	6.7	6.0	ND	ND	ND	
J07-SB02-2-S	16-Aug-94	11.75 - 12.0	ND	120	ND	5.1	6.8	ND	ND	ND	
J07-SB02-3-S	16-Aug-94	19.25 - 19.50	ND	560	ND	7.4	10.0	ND	ND	ND	
J07-SB02-4-S	16-Aug-94	28.25 - 28.5	ND	220	ND	11	10.0	ND	ND	ND	
J07-SB03-1-S	16-Aug-94	5.75 - 6.0	5.2	61	1.3	ND	ND	ND	ND	ND	
J07-SB03-2-S	16-Aug-94	12.25 - 12.50	ND	150	2.3	3.7	5.5	ND	ND	ND	
J07-SB03-3-S	16-Aug-94	15.75 - 16.0	ND	100	1.9	ND	ND	ND	ND	ND	
J07-SB03-4-S	16-Aug-94	24.25 - 24.50	ND	ND	ND	5.7	5.5	0.061	ND	ND	
Associated Background Samples	Soil Series	Mappable Unit	As	Ba	Cd	Cr	Pb	Hg	Se	Ag	
B14	Papoose	501	ND	100	0.84	4.6	8.2	ND	ND	ND	
B15	Papoose	501	ND	74	0.68	3.6	6.9	ND	ND	ND	
Proposed Closure Goals			30	5,600	40	80,000	1,000	24	400	400	

*ND = Below laboratory method detection limit

Table 5 lists the soil analytical results for BTEX, VOCs, and total petroleum hydrocarbons as diesel (TPH-d).

Table 5 - Summary of BTEX, VOCs, and TPH-Diesel Analytical Results

Sample Number	Sampled Date	Sample Depth (ft)	BTEX (mg/kg) Immunoassay Test	VOCs (ug/kg) EPA Method 8260	TPH-Diesel (mg/kg) EPA Method 8015-M
Near Surface Samples					
J07-SS01-1-S	11-Jul-94	0.25 - 0.50	< 2	--	ND*
J07-SS02-1-SD	11-Jul-94	0.25 - 1.0	< 2	--	ND
J07-SS03-1-S	11-Jul-94	0.25 - 0.50	< 2	--	ND
J07-SS04-1-S	11-Jul-94	0.25 - 0.50	< 2	--	ND
J07-SS05-1-S	11-Jul-94	0.25 - 0.50	< 2	--	ND
J07-SS06-1-S	11-Jul-94	0.25 - 0.50	< 2	--	ND
J07-SS07-1-S	11-Jul-94	0.25 - 0.50	< 2	--	ND
J07-SS08-1-S	11-Jul-94	0.25 - 0.50	>2 and <10	--	ND
J07-SS09-1-S	11-Jul-94	0.25 - 0.50	>2 and <10	--	ND
J07-SS10-1-S	11-Jul-94	0.25 - 0.50	>2 and <10	--	ND
Subsurface Samples					
J07E-SB01-1-S	16-Aug-94	7.50 - 8.0	--	2.4 methylene chloride	ND
J07E-SB01-2-S	16-Aug-94	12.0 - 12.50	--	2.1 methylene chloride	ND
J07E-SB01-3-S	16-Aug-94	21.50 - 22.0	--	ND	ND
J07E-SB01-4-S	16-Aug-94	29.0 - 29.50	--	1.8 methylene chloride	ND
J07E-SB02-1-S	17-Aug-94	7.50 - 8.0	--	ND	ND
J07E-SB02-2-S	17-Aug-94	10.50 - 11.0	--	ND	ND
J07E-SB02-3-S	17-Aug-94	19.50 - 20.0	--	ND	ND
J07-SB01-1-S	16-Aug-94	6.0 - 6.50	--	ND	ND
J07-SB01-2-S	16-Aug-94	12.50 - 13.0	--	3.0 methylene chloride	ND
J07-SB01-3-S	16-Aug-94	16.0 - 16.50	--	2.4 methylene chloride	ND
J07-SB01-4-S	16-Aug-94	24.50 - 25.0	--	2.6 methylene chloride	ND
J07-SB02-1-S	16-Aug-94	6.0 - 6.50	--	2.0 methylene chloride	ND
J07-SB02-2-S	16-Aug-94	12.0 - 12.50	--	1.9 methylene chloride	ND
J07-SB02-3-S	16-Aug-94	19.50 - 20.0	--	ND	ND
J07-SB02-4-S	16-Aug-94	28.50 - 29.0	--	2.2 methylene chloride	ND
J07-SB03-1-S	16-Aug-94	6.0 - 6.50	--	ND	ND
J07-SB03-2-S	16-Aug-94	12.50 - 13.0	--	2.0 methylene chloride	ND
J07-SB03-3-S	16-Aug-94	16.0 - 16.50	--	ND	ND
J07-SB03-4-S	16-Aug-94	24.50 - 25.0	--	2.7 methylene chloride	ND

*ND = Below laboratory method detection limit

3.2 Remedial Actions

3.2.1 Summary of Remedial Alternatives

The remedial alternative for this site is the removal of all surface debris from the site.

3.2.2 Summary of Remedial Actions

All surface debris was removed from the site. Photographs of this site before and after implementation of this alternative are included at Appendix D.

4. PUBLIC/COMMUNITY INVOLVEMENT

It is U.S. Department of Defense and Army policy to involve the local community throughout the investigation process at an installation. To initiate this involvement, HWAD has established a repository in the local public library, which includes final copies of all past studies and documents regarding environmental issues at the facility. This repository will be maintained and updated with all future final documents as they are issued to HWAD.

HWAD has solicited community participation in the establishment of a restoration advisory board (RAB). However, because of insufficient public response, HWAD has not formed a RAB. HWAD will continue to solicit community involvement.

5. CONCLUSIONS AND RECOMMENDATIONS

The HWAD proposed closure goals for all analytes are listed in Appendix A. These closure goals were used in evaluating the detected chemicals of concern.

Samples collected at SWMU J-07 by the soil gas survey were non-detect for VOCs and BTEX. Soil samples were non-detect for TPH-d. BTEX was detected at concentrations no greater than 10 mg/kg. Concentrations of methylene chloride at levels below the proposed closure goal were detected in the subsurface samples. This VOC is likely associated with the analytical laboratory equipment and process, and is not considered representative of soil conditions at this SWMU, and therefore does not warrant further action.

It is recommended that no further investigation be performed at this SWMU and that the site be closed with regard to these chemicals of concern and without land use restrictions.

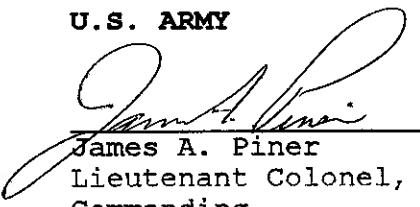
6. DECLARATION

The selected remedy is protective of human health and the environment. It has been shown that a complete exposure pathway to human health and the environment does not exist, and there is no potential for such an exposure pathway to be completed in the future.

U.S. ARMY

30 SEP 1999

Date

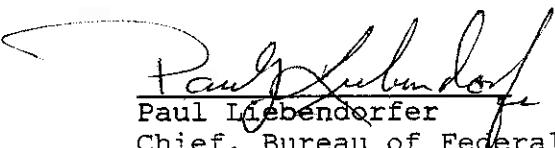


James A. Piner
Lieutenant Colonel, U.S. Army
Commanding

STATE OF NEVADA

13 Oct 1999

Date

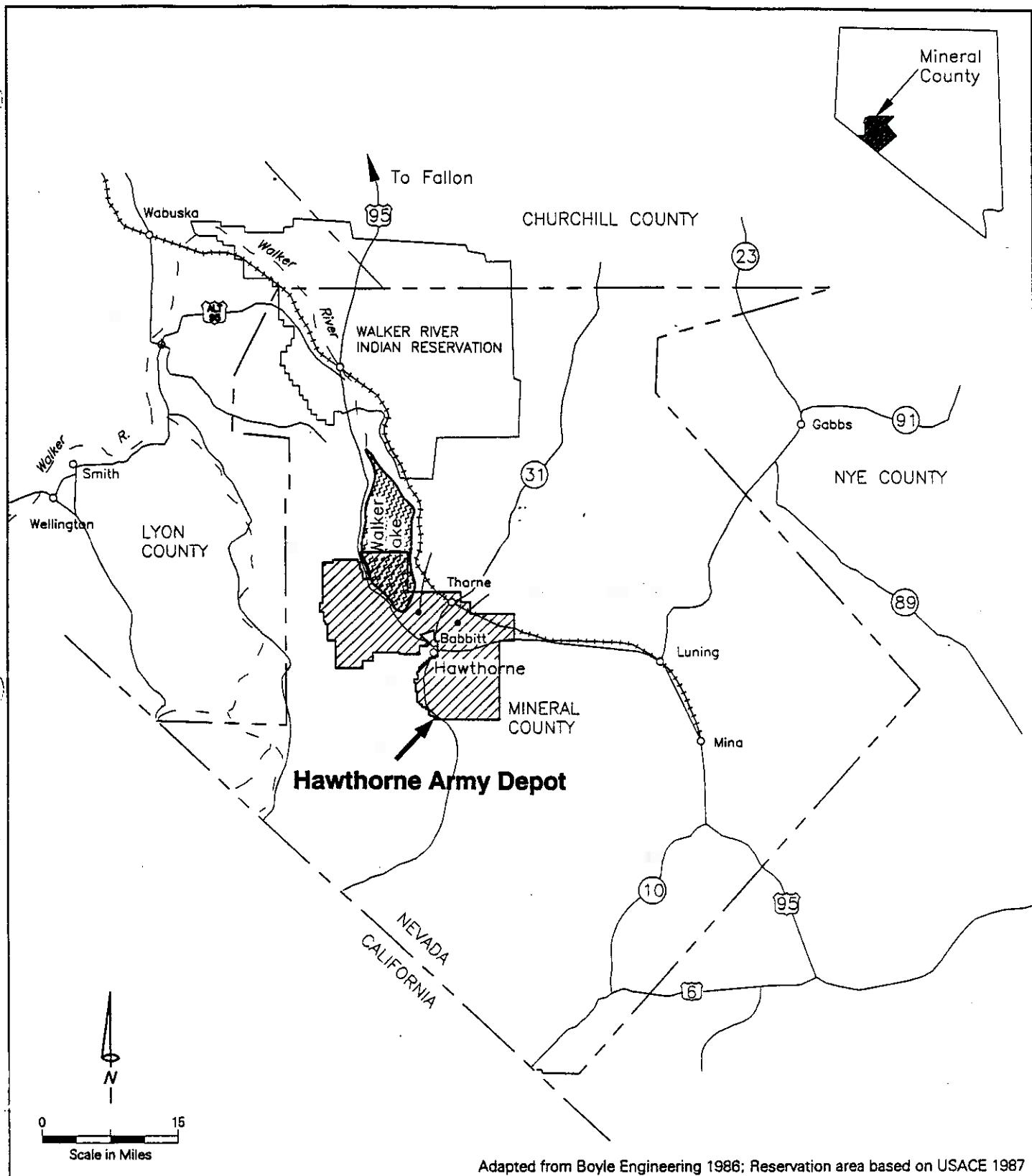


Paul Liebendorfer
Chief, Bureau of Federal Facilities

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Figures



Location Map

Legend



Hawthorne Army Depot

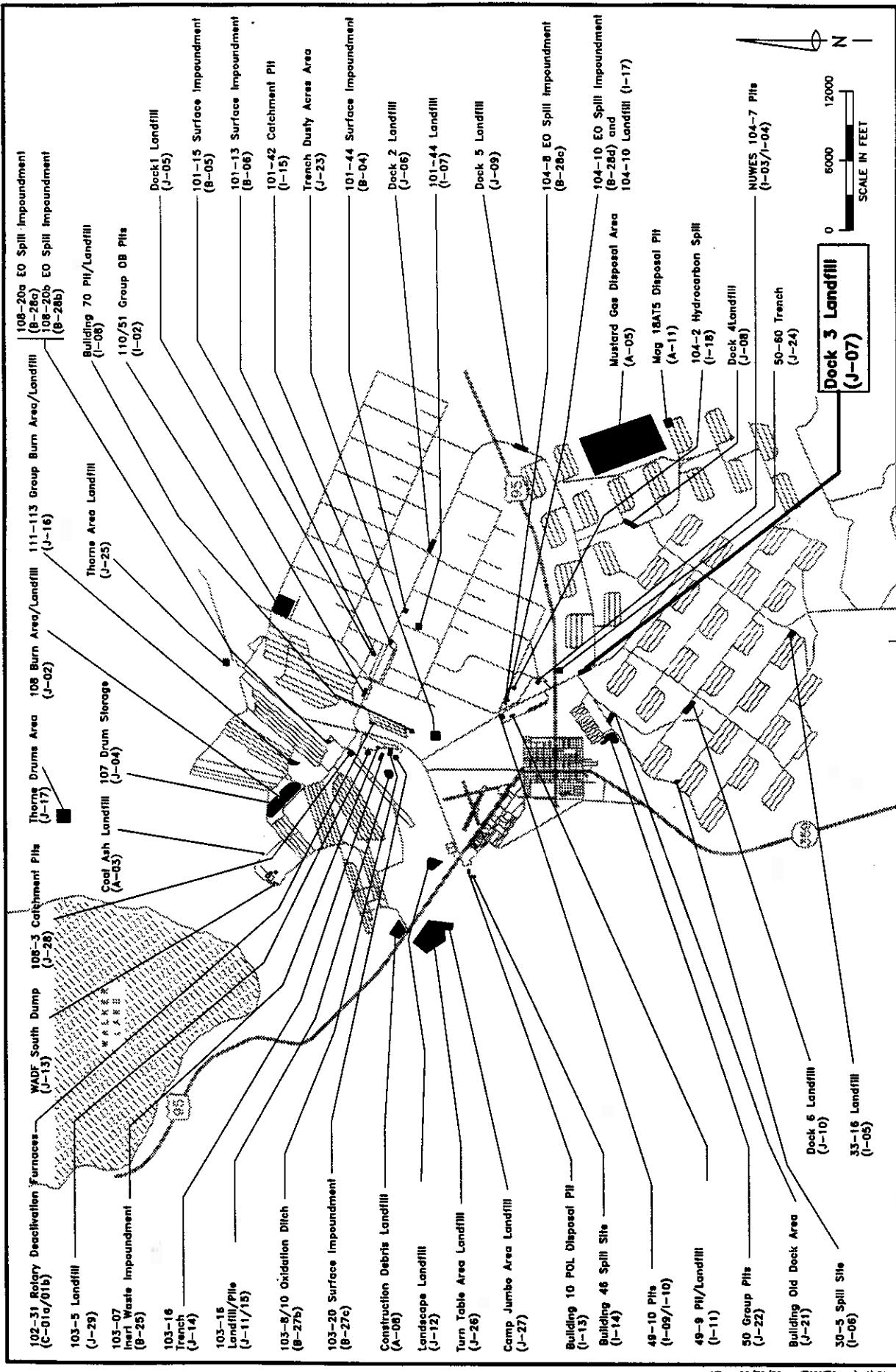
Hawthorne Army Depot
Hawthorne, Nevada

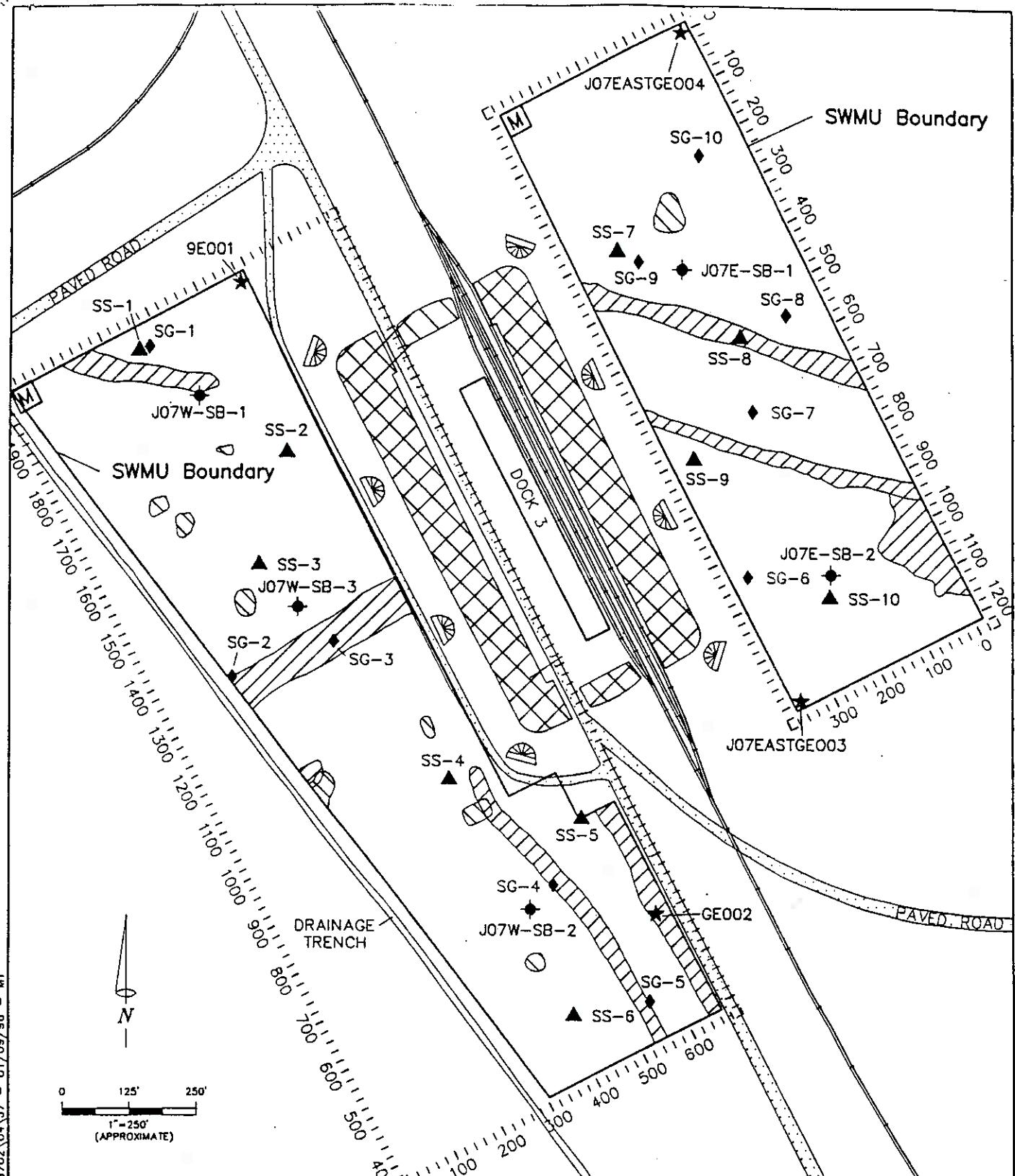


Tetra Tech, Inc.

**TETRA TECH
Location Map
Hawthorne Army Depot**

Hawthorne, Nevada
Figure SWMU-J-07-1





LEGEND:

- ★ SWMU Reference point
- ◆ SG-X Soil gas sample location and number
- ▲ SS-X Surface sample location and number
- ◆ SB-X Soil boring location and number

- | | |
|-----|-------------------|
| | Mag anomaly |
| | EM anomaly |
| | Explosion barrier |
| [M] | Monument location |

TETRA TECH

**Activity Map
SWMU J-07
Dock 3 Landfill**

Hawthorne Army Depot
Hawthorne, Nevada

Source: Base map digitized from Aerial Photo Survey, June 1994. Geophysical data from Geophysical Survey, NORCAL, August 1994. Sample locations from surveyed geophysical grid and field notes.

Figure J-07-2

Appendix A

Proposed Closure Goals
Hawthorne Army Depot
Hawthorne, Nevada

Constituent of Concern	Chemical Classification	Carcinogenic (C) or Non-carcinogenic (NC)	HWAD Proposed Closure Goals for Soil (mg/kg)	HWAD Proposed Closure Goal Source
Nitrate	Anion	NC	128,000	Calculated Subpart S ^a
2-Amino-dinitrotoluene	Explosive	NC	-	NA ^b
4-Amino-dinitrotoluene	Explosive	NC	-	NA
1,3-Dinitrobenzene	Explosive	NC	8	Calculated Subpart S
2,4-Dinitrotoluene	Explosive	NC	160	Calculated Subpart S
2,6-Dinitrotoluene	Explosive	NC	80	Calculated Subpart S
HMX	Explosive	NC	4,000	Calculated Subpart S
Nitrobenzene	Explosive	NC	40	Calculated Subpart S
Nitrotoluene (2-, 3-, 4-)	Explosive	NC	800	Calculated Subpart S
RDX	Explosive	NC	64	Calculated Subpart S
Tetryl	Explosive	NC	800	Calculated Subpart S
1,3,5-Trinitrobenzene	Explosive	NC	4	Calculated Subpart S
2,4,6-Trinitrotoluene	Explosive	C	233	Calculated Subpart S
Aluminum	Metal	NC	80,000	Calculated Subpart S
Arsenic (cancer endpoint)	Metal	C & NC	30	Background ^c
Barium and compounds	Metal	NC	5,600	Calculated Subpart S
Beryllium and compounds	Metal	C	1	Background
Cadmium and compounds	Metal	NC	40	Calculated Subpart S
Chromium (VI) and compounds	Metal	NC	80,000	Calculated Subpart S
Lead	Metal	NC	1000	PRG ^d
Mercury and compounds (inorganic)	Metal	NC	24	Calculated Subpart S
Selenium	Metal	NC	400	Calculated Subpart S
Silver and compounds	Metal	NC	400	Calculated Subpart S
Acenaphthene	PAH	NC	4,800	Calculated Subpart S
Benzo[a]anthracene	PAH	C	0.96	Calculated Subpart S
Benzo[a]pyrene	PAH	C	0.10	Detection Limit ^e
Benzo[b]fluoranthene	PAH	C	0.96	Calculated Subpart S
Benzo[k]fluoranthene	PAH	C	10	Calculated Subpart S
Chrysene	PAH	C	96	Calculated Subpart S
Dibenz[ah]anthracene	PAH	C	0.96	Calculated Subpart S
Fluoranthene	PAH	NC	3,200	Calculated Subpart S
Fluorene	PAH	NC	3,200	Calculated Subpart S
Indeno[1,2,3-cd]pyrene	PAH	C	-	NA
Naphthalene	PAH	NC	3,200	Calculated Subpart S
Pyrene	PAH	NC	2,400	Calculated Subpart S
Total Petroleum Hydrocarbons as Diesel (TPH-d)	PAH	C	100	NDEP Level Clean-up ^f
Polychlorinated biphenyls (PCBs)	PCBs	C	25	TSCA ^g
Bis(2-ethylhexyl)phthalate (DEHP)	SVOC	C	1,600	Calculated Subpart S
Bromoform (tribromomethane)	SVOC	C	89	Calculated Subpart S

Proposed Closure Goals
Hawthorne Army Depot
Hawthorne, Nevada

Constituent of Concern	Chemical Classification	Carcinogenic (C) or Non-carcinogenic (NC)	HWAD Proposed Closure Goals for Soil (mg/kg)	HWAD Proposed Closure Goal Source
Butyl benzyl phthalate	SVOC	NC	16,000	Calculated Subpart S
Dibromochloromethane	SVOC	C	83	Calculated Subpart S
Dibutyl-phthalate	SVOC	NC	8,000	Calculated Subpart S
Diethyl phthalate	SVOC	NC	64,000	Calculated Subpart S
Phenanthrene	SVOC	-	-	NA
Phenol	SVOC	NC	48,000	Calculated Subpart S
Acetone	VOC	NC	800	Calculated Subpart S
Anthracene	VOC	NC	24,000	Calculated Subpart S
Benzene	VOC	C	24	Calculated Subpart S
Bis(2-chloroisopropyl)ether	VOC	C	3,200	Calculated Subpart S
Bromomethane	VOC	NC	112	Calculated Subpart S
Carbon tetrachloride	VOC	C	5	Calculated Subpart S
Chlorobenzene	VOC	NC	1,600	Calculated Subpart S
Chloroform	VOC	C	115	Calculated Subpart S
Chloromethane	VOC	C	538	Calculated Subpart S
Dibromomethane	VOC	C	0.008	Calculated Subpart S
1,2-Dichlorobenzene	VOC	NC	7,200	Calculated Subpart S
1,4-Dichlorobenzene	VOC	C	18,300	Calculated Subpart S
Dichlorodifluoromethane	VOC	C	16,000	Calculated Subpart S
Ethylbenzene	VOC	NC	8,000	Calculated Subpart S
Methylene bromide	VOC	NC	800	Calculated Subpart S
Methylene chloride	VOC	C	4,800	Calculated Subpart S
2-Methylnaphthalene	VOC	-	-	NA
1,1,2,2-Tetrachloroethane	VOC	C	35	Calculated Subpart S
Tetrachloroethylene (PCE)	VOC	C & NC	800	Calculated Subpart S
Toluene	VOC	NC	16,000	Calculated Subpart S
1,1,1-Trichloroethane	VOC	NC	7,200	Calculated Subpart S
Trichloroethylene (TCE)	VOC	C & NC	480	Calculated Subpart S
Trichlorofluoromethane	VOC	NC	24,000	Calculated Subpart S
1,2,3-Trichloropropane	VOC	C	480	Calculated Subpart S
Vinyl chloride	VOC	C	0.37	Calculated Subpart S
Xylene Total (m-, o-, p-)	VOC	NC	160,000	Calculated Subpart S
2,3,7,8-TCDD	Dioxin	C	0.000005	Calculated Subpart S

^a RCRA 55 FR 30870

^b Not available

^c Highest background concentration detected in 50 background soil samples

^d Smucker, Stanford J. USEPA Region IX, Preliminary Remedial Goals, Second Half, Sep. 1995

^e Method detection limit for Volatile Organic Compounds by EPA Method 8260 or

Semi-Volatile Organic Compounds analyzed by EPA Method 8270

^f Nevada Division of Environmental Protection

^g Cleanup level for PCB spills in accordance with Toxic Substance and Control Act Spill Policy Guidelines 40 CFR 761

Appendix B



Summary Table of Analytical Data

SWMU J07 - Dock 3/Landfill

Hawthorne Army Depot

Hawthorne, Nevada

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SB01-1-S	5.75-6.0	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SB01-1-S	5.75-6.0	8/16/94	6010	Barium	280	mg/kg	
J07-SB01-1-S	5.75-6.0	8/16/94	6010	Cadmium	3	mg/kg	
J07-SB01-1-S	5.75-6.0	8/16/94	6010	Chromium	2.5	mg/kg	J
J07-SB01-1-S	5.75-6.0	8/16/94	6010	Lead	15	mg/kg	J
J07-SB01-1-S	5.75-6.0	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB01-1-S	5.75-6.0	8/16/94	6010	Silver	< 1	mg/kg	
J07-SB01-1-S	5.75-6.0	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SB01-1-S	6.0-6.25	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Methylene chloride	< 0.4	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB01-1-S	6.25-6.5	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	



Summary Table of Analytical Data

SWMU J07 - Dock 3/Landfill

Hawthorne Army Depot

Hawthorne, Nevada

January 1996



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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SB01-1-S	6.0-6.25	8/16/94	D2216	Moisture/TNFR	10	percent	
J07-SB01-1-S	6.0-6.25	8/16/94	D2216	Moisture/TNFR	8	percent	

J07-SB01-2-S	12.25-12.5	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SB01-2-S	12.25-12.5	8/16/94	6010	Barium	55	mg/kg	
J07-SB01-2-S	12.25-12.5	8/16/94	6010	Cadmium	1	mg/kg	
J07-SB01-2-S	12.25-12.5	8/16/94	6010	Chromium	< 0.6	mg/kg	
J07-SB01-2-S	12.25-12.5	8/16/94	6010	Lead	< 5	mg/kg	
J07-SB01-2-S	12.25-12.5	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB01-2-S	12.25-12.5	8/16/94	6010	Silver	< 0.9	mg/kg	
J07-SB01-2-S	12.25-12.5	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SB01-2-S	12.5-12.75	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	1,2-Dichloropropene	< 0.8	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	2-Chloroethylvinylether	< 0.6	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Methylene chloride	3.1	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	

Summary Table of Analytical Data



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SWMU J07 - Dock 3/Landfill

Hawthorne Army Depot

Hawthorne, Nevada

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB01-2-S	12.75-13.0	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SB01-2-S	12.5-12.75	8/16/94	D2216	Moisture/TNFR	4.1	percent	
J07-SB01-2-S	12.5-12.75	8/16/94	D2216	Moisture/TNFR	1.1	percent	
J07-SB01-2-SD (DP195)	13.25-13.5	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SB01-2-SD (DP195)	13.25-13.5	8/16/94	6010	Barium	0.95	mg/kg	J
J07-SB01-2-SD (DP195)	13.25-13.5	8/16/94	6010	Cadmium	< 0.2	mg/kg	
J07-SB01-2-SD (DP195)	13.25-13.5	8/16/94	6010	Chromium	5.5	mg/kg	
J07-SB01-2-SD (DP195)	13.25-13.5	8/16/94	6010	Lead	8	mg/kg	J
J07-SB01-2-SD (DP195)	13.25-13.5	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB01-2-SD (DP195)	13.25-13.5	8/16/94	6010	Silver	< 1	mg/kg	
J07-SB01-2-SD (DP195)	13.25-13.5	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SB01-2-SD (DP196)	13.5-13.75	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	2-Chloroethylvinylether	< 0.6	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Methylene chloride	3.9	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB01-2-SD (DP197)	13.75-14.0	8/16/94	8260	Toluene	< 0.4	ug/kg	



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Summary Table of Analytical Data

SWMU J07 - Dock 3/Landfill

Hawthorne Army Depot

Hawthorne, Nevada

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SB01-2-SD (DP197	13.75-14.0	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB01-2-SD (DP197	13.75-14.0	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB01-2-SD (DP197	13.75-14.0	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB01-2-SD (DP197	13.75-14.0	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07-SB01-2-SD (DP197	13.75-14.0	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB01-2-SD (DP197	13.75-14.0	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SB01-2-SD (DP197	13.75-14.0	8/16/94	D2216	Moisture/TNFR	8	percent	
J07-SB01-2-SD (DP195	13.25-13.5	8/16/94	D2216	Moisture/TNFR	5.3	percent	

J07-SB01-3-S	15.75-16.0	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SB01-3-S	15.75-16.0	8/16/94	6010	Barium	240	mg/kg	
J07-SB01-3-S	15.75-16.0	8/16/94	6010	Cadmium	4	mg/kg	
J07-SB01-3-S	15.75-16.0	8/16/94	6010	Chromium	5.6	mg/kg	
J07-SB01-3-S	15.75-16.0	8/16/94	6010	Lead	17	mg/kg	J
J07-SB01-3-S	15.75-16.0	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB01-3-S	15.75-16.0	8/16/94	6010	Silver	< 1	mg/kg	
J07-SB01-3-S	15.75-16.0	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SB01-3-S	16.0-16.25	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Methylene chloride	2.5	ug/kg	



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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB01-3-S	16.25-16.5	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SB01-3-S	16.0-16.25	8/16/94	D2216	Moisture/TNFR	7.9	percent	
J07-SB01-3-S	16.0-16.25	8/16/94	D2216	Moisture/TNFR	7	percent	

J07-SB01-3-SD (DP199	22.5-22.75	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
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J07-SB01-4-S	24.25-24.5	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SB01-4-S	24.25-24.5	8/16/94	6010	Barium	99	mg/kg	
J07-SB01-4-S	24.25-24.5	8/16/94	6010	Cadmium	2.7	mg/kg	
J07-SB01-4-S	24.25-24.5	8/16/94	6010	Chromium	< 0.6	mg/kg	
J07-SB01-4-S	24.25-24.5	8/16/94	6010	Lead	5.1	mg/kg	J
J07-SB01-4-S	24.25-24.5	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB01-4-S	24.25-24.5	8/16/94	6010	Silver	< 0.9	mg/kg	
J07-SB01-4-S	24.25-24.5	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SB01-4-S	24.5-24.75	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	



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J07-SB01-4-S	24.75-25.0	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Methylene chloride	2.7	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB01-4-S	24.75-25.0	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SB01-4-S	24.5-24.75	8/16/94	D2216	Moisture/TNFR	4.8	percent	
J07-SB01-4-S	24.5-24.75	8/16/94	D2216	Moisture/TNFR	4.4	percent	

J07-SB02-1-S	5.75-6.0	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SB02-1-S	5.75-6.0	8/16/94	6010	Barium	100	mg/kg	
J07-SB02-1-S	5.75-6.0	8/16/94	6010	Cadmium	< 0.2	mg/kg	
J07-SB02-1-S	5.75-6.0	8/16/94	6010	Chromium	6.7	mg/kg	
J07-SB02-1-S	5.75-6.0	8/16/94	6010	Lead	6	mg/kg	J
J07-SB02-1-S	5.75-6.0	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB02-1-S	5.75-6.0	8/16/94	6010	Silver	< 0.9	mg/kg	
J07-SB02-1-S	5.75-6.0	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SB02-1-S	6.0-6.25	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	2-Chloroethylvinylether	< 0.6	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Chloroethane	< 0.2	ug/kg	



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J07-SB02-1-S	6.25-6.5	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Methylene chloride	2	ug/kg	U
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB02-1-S	6.25-6.5	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SB02-1-S	6.0-6.25	8/16/94	D2216	Moisture/TNFR	1.4	percent	
J07-SB02-1-S	6.0-6.25	8/16/94	D2216	Moisture/TNFR	0.87	percent	

J07-SB02-2-S	11.75-12.0	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SB02-2-S	11.75-12.0	8/16/94	6010	Barium	120	mg/kg	
J07-SB02-2-S	11.75-12.0	8/16/94	6010	Cadmium	< 0.2	mg/kg	
J07-SB02-2-S	11.75-12.0	8/16/94	6010	Chromium	5.1	mg/kg	
J07-SB02-2-S	11.75-12.0	8/16/94	6010	Lead	6.8	mg/kg	J
J07-SB02-2-S	11.75-12.0	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB02-2-S	11.75-12.0	8/16/94	6010	Silver	< 0.9	mg/kg	
J07-SB02-2-S	11.75-12.0	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SB02-2-S	12.0-12.25	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	2-Chloroethylvinylether	< 0.6	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Bromomethane	< 0.2	ug/kg	



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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Methylene chloride	1.9	ug/kg	U
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB02-2-S	12.25-12.5	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SB02-2-S	12.0-12.25	8/16/94	D2216	Moisture/TNFR	3.2	percent	
J07-SB02-2-S	12.0-12.25	8/16/94	D2216	Moisture/TNFR	2.7	percent	

J07-SB02-3-S	19.25-19.5	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SB02-3-S	19.25-19.5	8/16/94	6010	Barium	560	mg/kg	
J07-SB02-3-S	19.25-19.5	8/16/94	6010	Cadmium	< 0.2	mg/kg	
J07-SB02-3-S	19.25-19.5	8/16/94	6010	Chromium	7.4	mg/kg	
J07-SB02-3-S	19.25-19.5	8/16/94	6010	Lead	10	mg/kg	J
J07-SB02-3-S	19.25-19.5	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB02-3-S	19.25-19.5	8/16/94	6010	Silver	< 1	mg/kg	
J07-SB02-3-S	19.25-19.5	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SB02-3-S	19.5-19.75	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Methylene chloride	< 0.4	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB02-3-S	19.75-20.0	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SB02-3-S	19.5-19.75	8/16/94	D2216	Moisture/TNFR	8.4	percent	
J07-SB02-3-S	19.5-19.75	8/16/94	D2216	Moisture/TNFR	3.6	percent	

J07-SB02-4-S	28.25-28.5	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SB02-4-S	28.25-28.5	8/16/94	6010	Barium	220	mg/kg	
J07-SB02-4-S	28.25-28.5	8/16/94	6010	Cadmium	< 0.2	mg/kg	
J07-SB02-4-S	28.25-28.5	8/16/94	6010	Chromium	11	mg/kg	
J07-SB02-4-S	28.25-28.5	8/16/94	6010	Lead	10	mg/kg	J
J07-SB02-4-S	28.25-28.5	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB02-4-S	28.25-28.5	8/16/94	6010	Silver	< 1	mg/kg	
J07-SB02-4-S	28.25-28.5	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SB02-4-S	28.5-28.75	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	2-Chloroethylvinylether	< 0.6	ug/kg	



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J07-SB02-4-S	28.75-29.0	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Methylene chloride	2.2	ug/kg	U
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB02-4-S	28.75-29.0	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SB02-4-S	28.5-28.75	8/16/94	D2216	Moisture/TNFR	5.4	percent	
J07-SB02-4-S	28.5-28.75	8/16/94	D2216	Moisture/TNFR	4.2	percent	

J07-SB03-1-S	5.75-6.0	8/16/94	6010	Arsenic	5.2	mg/kg	J
J07-SB03-1-S	5.75-6.0	8/16/94	6010	Barium	61	mg/kg	
J07-SB03-1-S	5.75-6.0	8/16/94	6010	Cadmium	1.3	mg/kg	
J07-SB03-1-S	5.75-6.0	8/16/94	6010	Chromium	< 0.6	mg/kg	
J07-SB03-1-S	5.75-6.0	8/16/94	6010	Lead	< 5	mg/kg	
J07-SB03-1-S	5.75-6.0	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB03-1-S	5.75-6.0	8/16/94	6010	Silver	< 0.9	mg/kg	
J07-SB03-1-S	5.75-6.0	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SB03-1-S	6.0-6.25	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	



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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SB03-1-S	6.25-6.5	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Methylene chloride	< 0.4	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SB03-1-S	6.25-6.5	8/16/94	D2216	Moisture/TNFR	7.8	percent	
J07-SB03-1-S	6.25-6.5	8/16/94	D2216	Moisture/TNFR	2.4	percent	

J07-SB03-2-S	12.25-12.5	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SB03-2-S	12.25-12.5	8/16/94	6010	Barium	150	mg/kg	
J07-SB03-2-S	12.25-12.5	8/16/94	6010	Cadmium	2.3	mg/kg	
J07-SB03-2-S	12.25-12.5	8/16/94	6010	Chromium	3.7	mg/kg	J
J07-SB03-2-S	12.25-12.5	8/16/94	6010	Lead	5.5	mg/kg	J
J07-SB03-2-S	12.25-12.5	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB03-2-S	12.25-12.5	8/16/94	6010	Silver	< 1	mg/kg	
J07-SB03-2-S	12.25-12.5	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SB03-2-S	12.5-12.75	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Benzene	< 0.2	ug/kg	



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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Methylene chloride	2	ug/kg	U
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB03-2-S	12.75-13.0	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SB03-2-S	12.5-12.75	8/16/94	D2216	Moisture/TNFR	8	percent	
J07-SB03-2-S	12.5-12.75	8/16/94	D2216	Moisture/TNFR	4.4	percent	

J07-SB03-3-S	15.75-16.0	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SB03-3-S	15.75-16.0	8/16/94	6010	Barium	100	mg/kg	
J07-SB03-3-S	15.75-16.0	8/16/94	6010	Cadmium	1.9	mg/kg	
J07-SB03-3-S	15.75-16.0	8/16/94	6010	Chromium	< 0.6	mg/kg	
J07-SB03-3-S	15.75-16.0	8/16/94	6010	Lead	< 5	mg/kg	
J07-SB03-3-S	15.75-16.0	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB03-3-S	15.75-16.0	8/16/94	6010	Silver	< 0.9	mg/kg	
J07-SB03-3-S	15.75-16.0	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SB03-3-S	16.0-16.25	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	1,2-Dichloropropene	< 0.8	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	



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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SB03-3-S	16.25-16.5	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Methylene chloride	< 0.4	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB03-3-S	16.25-16.5	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SB03-3-S	16.0-16.25	8/16/94	D2216	Moisture/TNFR	2.9	percent	
J07-SB03-3-S	16.0-16.25	8/16/94	D2216	Moisture/TNFR	1.6	percent	

J07-SB03-4-S	24.25-24.5	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SB03-4-S	24.25-24.5	8/16/94	6010	Barium	< 0.2	mg/kg	
J07-SB03-4-S	24.25-24.5	8/16/94	6010	Cadmium	< 0.2	mg/kg	
J07-SB03-4-S	24.25-24.5	8/16/94	6010	Chromium	5.7	mg/kg	
J07-SB03-4-S	24.25-24.5	8/16/94	6010	Lead	5.5	mg/kg	J
J07-SB03-4-S	24.25-24.5	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SB03-4-S	24.25-24.5	8/16/94	6010	Silver	< 1	mg/kg	
J07-SB03-4-S	24.25-24.5	8/16/94	7471	Mercury	0.061	mg/kg	J
J07-SB03-4-S	24.5-24.75	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	1,2,3-Trichloropropane	< 0.9	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	



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J07-SB03-4-S	24.75-25.0	8/16/94	8260	1,2-Dichloropropane	< 0.9	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Ethybenzene	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Methylene chloride	3	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SB03-4-S	24.75-25.0	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SB03-4-S	24.5-24.75	8/16/94	D2216	Moisture/TNFR	12	percent	
J07-SB03-4-S	24.5-24.75	8/16/94	D2216	Moisture/TNFR	6.9	percent	

J07-SC01-3-SC (DP198	22.25-22.5	8/16/94	6010	Arsenic	< 4	mg/kg	
J07-SC01-3-SC (DP198	22.25-22.5	8/16/94	6010	Barium	150	mg/kg	
J07-SC01-3-SC (DP198	22.25-22.5	8/16/94	6010	Cadmium	< 0.2	mg/kg	
J07-SC01-3-SC (DP198	22.25-22.5	8/16/94	6010	Chromium	7.5	mg/kg	
J07-SC01-3-SC (DP198	22.25-22.5	8/16/94	6010	Lead	< 5	mg/kg	
J07-SC01-3-SC (DP198	22.25-22.5	8/16/94	6010	Selenium	< 5	mg/kg	
J07-SC01-3-SC (DP198	22.25-22.5	8/16/94	6010	Silver	1	mg/kg	J
J07-SC01-3-SC (DP198	22.25-22.5	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07-SC01-3-SC (DP198	22.25-22.5	8/16/94	D2216	Moisture/TNFR	4.5	percent	

J07-SG01	5.0	6/23/94	M8010	1,1,1-Trichloroethane	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8010	1,1,2-Trichloroethane	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8010	1,1-Dichloroethane	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8010	1,1-Dichloroethene	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8010	Carbon Tetrachloride	< 1	ug/L	

Summary Table of Analytical Data



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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SG01	5.0	6/23/94	M8010	Chloroform	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8010	cis-1,2-Dichloroethene	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8010	Methylene Chloride	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8010	Tetrachloroethene	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8010	trans-1,2-Dichloroethene	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8010	Trichloroethene	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8020	Benzene	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8020	Ethylbenzene	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8020	Toluene	< 1	ug/L	
J07-SG01	5.0	6/23/94	M8020	Total FID Volatiles	< 10	ug/L	
J07-SG01	5.0	6/23/94	M8020	Total Xylene Isomers	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8010	1,1,1-Trichloroethane	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8010	1,1,2-Trichloroethane	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8010	1,1-Dichloroethane	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8010	1,1-Dichloroethene	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8010	Carbon Tetrachloride	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8010	Chloroform	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8010	cis-1,2-Dichloroethene	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8010	Methylene Chloride	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8010	Tetrachloroethene	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8010	trans-1,2-Dichloroethene	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8010	Trichloroethene	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8020	Benzene	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8020	Ethylbenzene	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8020	Toluene	< 1	ug/L	
J07-SG02	5.0	6/23/94	M8020	Total FID Volatiles	< 10	ug/L	
J07-SG02	5.0	6/23/94	M8020	Total Xylene Isomers	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8010	1,1,1-Trichloroethane	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8010	1,1,2-Trichloroethane	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8010	1,1-Dichloroethane	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8010	1,1-Dichloroethene	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8010	Carbon Tetrachloride	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8010	Chloroform	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8010	cis-1,2-Dichloroethene	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8010	Methylene Chloride	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8010	Tetrachloroethene	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8010	trans-1,2-Dichloroethene	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8010	Trichloroethene	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8020	Benzene	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8020	Ethylbenzene	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8020	Toluene	< 1	ug/L	
J07-SG03	5.0	6/23/94	M8020	Total FID Volatiles	< 10	ug/L	
J07-SG03	5.0	6/23/94	M8020	Total Xylene Isomers	< 1	ug/L	



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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
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J07-SG04	5.0	6/23/94	M8010	1,1,1-Trichloroethane	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8010	1,1,2-Trichloroethane	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8010	1,1-Dichloroethane	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8010	1,1-Dichloroethene	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8010	Carbon Tetrachloride	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8010	Chloroform	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8010	cis-1,2-Dichloroethene	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8010	Methylene Chloride	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8010	Tetrachloroethene	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8010	trans-1,2-Dichloroethene	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8010	Trichloroethene	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8020	Benzene	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8020	Ethylbenzene	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8020	Toluene	< 1	ug/L	
J07-SG04	5.0	6/23/94	M8020	Total FID Volatiles	< 10	ug/L	
J07-SG04	5.0	6/23/94	M8020	Total Xylene Isomers	< 1	ug/L	

J07-SG05	5.0	6/23/94	M8010	1,1,1-Trichloroethane	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8010	1,1,2-Trichloroethane	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8010	1,1-Dichloroethane	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8010	1,1-Dichloroethene	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8010	Carbon Tetrachloride	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8010	Chloroform	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8010	cis-1,2-Dichloroethene	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8010	Methylene Chloride	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8010	Tetrachloroethene	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8010	trans-1,2-Dichloroethene	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8010	Trichloroethene	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8020	Benzene	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8020	Ethylbenzene	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8020	Toluene	< 1	ug/L	
J07-SG05	5.0	6/23/94	M8020	Total FID Volatiles	< 10	ug/L	
J07-SG05	5.0	6/23/94	M8020	Total Xylene Isomers	< 1	ug/L	

J07-SG06	5.0	6/23/94	M8010	1,1,1-Trichloroethane	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8010	1,1,2-Trichloroethane	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8010	1,1-Dichloroethane	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8010	1,1-Dichloroethene	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8010	Carbon Tetrachloride	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8010	Chloroform	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8010	cis-1,2-Dichloroethene	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8010	Methylene Chloride	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8010	Tetrachloroethene	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8010	trans-1,2-Dichloroethene	< 1	ug/L	



Summary Table of Analytical Data

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SG06	5.0	6/23/94	M8010	Trichloroethene	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8020	Benzene	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8020	Ethylbenzene	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8020	Toluene	< 1	ug/L	
J07-SG06	5.0	6/23/94	M8020	Total FID Volatiles	< 10	ug/L	
J07-SG06	5.0	6/23/94	M8020	Total Xylene Isomers	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8010	1,1,1-Trichloroethane	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8010	1,1,2-Trichloroethane	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8010	1,1-Dichloroethane	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8010	1,1-Dichloroethene	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8010	Carbon Tetrachloride	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8010	Chloroform	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8010	cis-1,2-Dichloroethene	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8010	Methylene Chloride	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8010	Tetrachloroethene	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8010	trans-1,2-Dichloroethene	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8010	Trichloroethene	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8020	Benzene	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8020	Ethylbenzene	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8020	Toluene	< 1	ug/L	
J07-SG07	5.0	6/23/94	M8020	Total FID Volatiles	< 10	ug/L	
J07-SG07	5.0	6/23/94	M8020	Total Xylene Isomers	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8010	1,1,1-Trichloroethane	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8010	1,1,2-Trichloroethane	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8010	1,1-Dichloroethane	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8010	1,1-Dichloroethene	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8010	Carbon Tetrachloride	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8010	Chloroform	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8010	cis-1,2-Dichloroethene	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8010	Methylene Chloride	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8010	Tetrachloroethene	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8010	trans-1,2-Dichloroethene	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8010	Trichloroethene	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8020	Benzene	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8020	Ethylbenzene	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8020	Toluene	< 1	ug/L	
J07-SG08	5.0	6/23/94	M8020	Total FID Volatiles	< 10	ug/L	
J07-SG08	5.0	6/23/94	M8020	Total Xylene Isomers	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8010	1,1,1-Trichloroethane	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8010	1,1,2-Trichloroethane	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8010	1,1-Dichloroethane	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8010	1,1-Dichloroethene	< 1	ug/L	



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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SG09	5.0	6/23/94	M8010	Carbon Tetrachloride	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8010	Chloroform	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8010	cis-1,2-Dichloroethene	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8010	Methylene Chloride	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8010	Tetrachloroethene	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8010	trans-1,2-Dichloroethene	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8010	Trichloroethene	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8020	Benzene	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8020	Ethylbenzene	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8020	Toluene	< 1	ug/L	
J07-SG09	5.0	6/23/94	M8020	Total FID Volatiles	< 10	ug/L	
J07-SG09	5.0	6/23/94	M8020	Total Xylene Isomers	< 1	ug/L	

J07-SG10	5.0	6/23/94	M8010	1,1,1-Trichloroethane	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8010	1,1,2-Trichloroethane	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8010	1,1-Dichloroethane	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8010	1,1-Dichloroethene	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8010	Carbon Tetrachloride	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8010	Chloroform	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8010	cis-1,2-Dichloroethene	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8010	Methylene Chloride	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8010	Tetrachloroethene	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8010	trans-1,2-Dichloroethene	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8010	Trichloroethene	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8020	Benzene	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8020	Ethylbenzene	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8020	Toluene	< 1	ug/L	
J07-SG10	5.0	6/23/94	M8020	Total FID Volatiles	< 10	ug/L	
J07-SG10	5.0	6/23/94	M8020	Total Xylene Isomers	< 1	ug/L	

J07-SS01-1-S	0.25-0.5	7/11/94	6010	Arsenic	< 4	mg/kg	
J07-SS01-1-S	0.25-0.5	7/11/94	6010	Barium	170	mg/kg	
J07-SS01-1-S	0.25-0.5	7/11/94	6010	Cadmium	1.4	mg/kg	
J07-SS01-1-S	0.25-0.5	7/11/94	6010	Chromium	5.7	mg/kg	
J07-SS01-1-S	0.25-0.5	7/11/94	6010	Lead	17	mg/kg	J
J07-SS01-1-S	0.25-0.5	7/11/94	6010	Selenium	< 5	mg/kg	
J07-SS01-1-S	0.25-0.5	7/11/94	6010	Silver	< 1	mg/kg	
J07-SS01-1-S	0.25-0.5	7/11/94	7471	Mercury	0.041	mg/kg	J
J07-SS01-1-S	0.25-0.5	7/11/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SS01-1-S	0.25-1.0	7/11/94	D2216	Moisture/TNFR	7.7	percent	
J07-SS01-1-S	0.25-1.0	7/11/94	D2216	Moisture/TNFR	7.3	percent	
J07-SS01-1-S	0.25-1.0	7/11/94	D4031	Immunoassay BTEX	<2	mg/kg	

J07-SS02-1-S	0.25-1.0	7/11/94	6010	Arsenic	< 5	mg/kg	
J07-SS02-1-S	0.25-1.0	7/11/94	6010	Barium	210	mg/kg	

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SS02-1-S	0.25-1.0	7/11/94	6010	Cadmium	2	mg/kg	
J07-SS02-1-S	0.25-1.0	7/11/94	6010	Chromium	7.9	mg/kg	
J07-SS02-1-S	0.25-1.0	7/11/94	6010	Lead	16	mg/kg	J
J07-SS02-1-S	0.25-1.0	7/11/94	6010	Selenium	< 6	mg/kg	
J07-SS02-1-S	0.25-1.0	7/11/94	6010	Silver	< 1.1	mg/kg	
J07-SS02-1-S	0.25-1.0	7/11/94	7471	Mercury	< 0.05	mg/kg	
J07-SS02-1-S	0.25-1.0	7/11/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SS02-1-S	0.25-1.0	7/11/94	D2216	Moisture/TNFR	15	percent	

J07-SS02-1-SD (DP040)	0.25-1.0	7/11/94	6010	Arsenic	< 4	mg/kg	
J07-SS02-1-SD (DP040)	0.25-1.0	7/11/94	6010	Barium	200	mg/kg	
J07-SS02-1-SD (DP040)	0.25-1.0	7/11/94	6010	Cadmium	1.3	mg/kg	
J07-SS02-1-SD (DP040)	0.25-1.0	7/11/94	6010	Chromium	7.6	mg/kg	
J07-SS02-1-SD (DP040)	0.25-1.0	7/11/94	6010	Lead	15	mg/kg	J
J07-SS02-1-SD (DP040)	0.25-1.0	7/11/94	6010	Selenium	5.1	mg/kg	J
J07-SS02-1-SD (DP040)	0.25-1.0	7/11/94	6010	Silver	< 0.9	mg/kg	
J07-SS02-1-SD (DP040)	0.25-1.0	7/11/94	7471	Mercury	< 0.04	mg/kg	
J07-SS02-1-SD (DP043)	0.25-1.0	7/11/94	8015M	TPH (as diesel)		mg/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	1,1-Dichloroethylene	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	2-Chloroethylvinylether	< 0.6	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Benzene	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Benzyl chloride	< 0.6	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Bromobenzene	< 0.4	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Bromoform	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Bromomethane	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Chloroethane	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Chloroform	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Chloromethane	< 0.6	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Dibromomethane	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	

Summary Table of Analytical Data



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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Methylene chloride	10	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Toluene	< 0.4	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Trichloroethene	< 1	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07-SS02-1-SD (DP040)	0.25-1.0	7/11/94	D2216	Moisture/TNFR	2.8	percent	
J07-SS02-1-SD (DP042)	0.25-1.0	7/11/94	D2216	Moisture/TNFR	2.8	percent	
J07-SS02-1-SD (DP041)	0.25-1.0	7/11/94	D4031	Immunoassay BTEX	2< X <10	mg/kg	
J07-SS02-1-SD	0.25-1.0	7/11/94	D4031	Immunoassay BTEX	<2	mg/kg	

J07-SS03-1-S	0.25-0.5	7/11/94	6010	Arsenic	5.7	mg/kg	J
J07-SS03-1-S	0.25-0.5	7/11/94	6010	Barium	250	mg/kg	
J07-SS03-1-S	0.25-0.5	7/11/94	6010	Cadmium	2.2	mg/kg	
J07-SS03-1-S	0.25-0.5	7/11/94	6010	Chromium	6.7	mg/kg	
J07-SS03-1-S	0.25-0.5	7/11/94	6010	Lead	18	mg/kg	J
J07-SS03-1-S	0.25-0.5	7/11/94	6010	Selenium	5.3	mg/kg	J
J07-SS03-1-S	0.25-0.5	7/11/94	6010	Silver	< 0.9	mg/kg	
J07-SS03-1-S	0.25-0.5	7/11/94	7471	Mercury	0.087	mg/kg	J
J07-SS03-1-S	0.25-0.5	7/11/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SS03-1-S	0.25-0.5	7/11/94	D2216	Moisture/TNFR	1.6	percent	
J07-SS03-1-S	0.25-0.5	7/11/94	D4031	Immunoassay BTEX	<2	mg/kg	

J07-SS04-1-S	0.25-0.5	7/11/94	6010	Arsenic	< 4	mg/kg	
J07-SS04-1-S	0.25-0.5	7/11/94	6010	Barium	130	mg/kg	
J07-SS04-1-S	0.25-0.5	7/11/94	6010	Cadmium	2.1	mg/kg	
J07-SS04-1-S	0.25-0.5	7/11/94	6010	Chromium	5.5	mg/kg	
J07-SS04-1-S	0.25-0.5	7/11/94	6010	Lead	11	mg/kg	J
J07-SS04-1-S	0.25-0.5	7/11/94	6010	Selenium	5.5	mg/kg	J
J07-SS04-1-S	0.25-0.5	7/11/94	6010	Silver	< 1	mg/kg	
J07-SS04-1-S	0.25-0.5	7/11/94	7471	Mercury	< 0.04	mg/kg	
J07-SS04-1-S	0.25-0.5	7/11/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SS04-1-S	0.25-0.5	7/11/94	D2216	Moisture/TNFR	6.2	percent	
J07-SS04-1-S	0.25-0.5	7/11/94	D4031	Immunoassay BTEX	<2	mg/kg	

J07-SS05-1-S	0.25-0.5	7/11/94	6010	Arsenic	< 4	mg/kg	
J07-SS05-1-S	0.25-0.5	7/11/94	6010	Barium	93	mg/kg	
J07-SS05-1-S	0.25-0.5	7/11/94	6010	Cadmium	1.4	mg/kg	
J07-SS05-1-S	0.25-0.5	7/11/94	6010	Chromium	5.4	mg/kg	
J07-SS05-1-S	0.25-0.5	7/11/94	6010	Lead	9.3	mg/kg	J
J07-SS05-1-S	0.25-0.5	7/11/94	6010	Selenium	< 5	mg/kg	

Summary Table of Analytical Data



SWMU J07 - Dock 3/Landfill

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07-SS05-1-S	0.25-0.5	7/11/94	6010	Silver	< 0.9	mg/kg	
J07-SS05-1-S	0.25-0.5	7/11/94	7471	Mercury	< 0.04	mg/kg	
J07-SS05-1-S	0.25-0.5	7/11/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SS05-1-S	0.25-0.5	7/11/94	D2216	Moisture/TNFR	4.9	percent	
J07-SS05-1-S	0.25-0.5	7/11/94	D4031	Immunoassay BTEX	<2	mg/kg	

J07-SS06-1-S	0.25-0.5	7/11/94	6010	Arsenic	< 4	mg/kg	
J07-SS06-1-S	0.25-0.5	7/11/94	6010	Barium	160	mg/kg	
J07-SS06-1-S	0.25-0.5	7/11/94	6010	Cadmium	1.4	mg/kg	
J07-SS06-1-S	0.25-0.5	7/11/94	6010	Chromium	5.9	mg/kg	
J07-SS06-1-S	0.25-0.5	7/11/94	6010	Lead	11	mg/kg	J
J07-SS06-1-S	0.25-0.5	7/11/94	6010	Selenium	< 5	mg/kg	
J07-SS06-1-S	0.25-0.5	7/11/94	6010	Silver	< 0.9	mg/kg	
J07-SS06-1-S	0.25-0.5	7/11/94	7471	Mercury	< 0.04	mg/kg	
J07-SS06-1-S	0.25-0.5	7/11/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SS06-1-S	0.25-0.5	7/11/94	D2216	Moisture/TNFR	1.5	percent	
J07-SS06-1-S	0.25-0.5	7/11/94	D4031	Immunoassay BTEX	<2	mg/kg	

J07-SS07-1-S	0.25-0.5	7/11/94	6010	Arsenic	4.3	mg/kg	J
J07-SS07-1-S	0.25-0.5	7/11/94	6010	Barium	290	mg/kg	
J07-SS07-1-S	0.25-0.5	7/11/94	6010	Cadmium	2.5	mg/kg	
J07-SS07-1-S	0.25-0.5	7/11/94	6010	Chromium	10	mg/kg	
J07-SS07-1-S	0.25-0.5	7/11/94	6010	Lead	23	mg/kg	J
J07-SS07-1-S	0.25-0.5	7/11/94	6010	Selenium	8.2	mg/kg	J
J07-SS07-1-S	0.25-0.5	7/11/94	6010	Silver	< 1	mg/kg	
J07-SS07-1-S	0.25-0.5	7/11/94	7471	Mercury	< 0.04	mg/kg	
J07-SS07-1-S	0.25-0.5	7/11/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SS07-1-S	0.25-0.5	7/11/94	D2216	Moisture/TNFR	6.3	percent	
J07-SS07-1-S	0.25-0.5	7/11/94	D4031	Immunoassay BTEX	<2	mg/kg	

J07-SS08-1-S	0.25-0.5	7/11/94	6010	Arsenic	7.5	mg/kg	J
J07-SS08-1-S	0.25-0.5	7/11/94	6010	Barium	430	mg/kg	
J07-SS08-1-S	0.25-0.5	7/11/94	6010	Cadmium	2.6	mg/kg	
J07-SS08-1-S	0.25-0.5	7/11/94	6010	Chromium	12	mg/kg	
J07-SS08-1-S	0.25-0.5	7/11/94	6010	Lead	30	mg/kg	J
J07-SS08-1-S	0.25-0.5	7/11/94	6010	Selenium	6.4	mg/kg	J
J07-SS08-1-S	0.25-0.5	7/11/94	6010	Silver	< 0.9	mg/kg	
J07-SS08-1-S	0.25-0.5	7/11/94	7471	Mercury	0.059	mg/kg	J
J07-SS08-1-S	0.25-0.5	7/11/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SS08-1-S	0.25-0.5	7/11/94	D2216	Moisture/TNFR	4.8	percent	
J07-SS08-1-S	0.25-0.5	7/11/94	D4031	Immunoassay BTEX	2< X <10	mg/kg	

J07-SS09-1-S	0.25-0.5	7/11/94	6010	Arsenic	< 4	mg/kg	
J07-SS09-1-S	0.25-0.5	7/11/94	6010	Barium	230	mg/kg	
J07-SS09-1-S	0.25-0.5	7/11/94	6010	Cadmium	1.7	mg/kg	

Summary Table of Analytical Data



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J07-SS09-1-S	0.25-0.5	7/11/94	6010	Chromium	8.2	mg/kg	
J07-SS09-1-S	0.25-0.5	7/11/94	6010	Lead	15	mg/kg	J
J07-SS09-1-S	0.25-0.5	7/11/94	6010	Selenium	6.8	mg/kg	J
J07-SS09-1-S	0.25-0.5	7/11/94	6010	Silver	< 1	mg/kg	
J07-SS09-1-S	0.25-0.5	7/11/94	7471	Mercury	0.047	mg/kg	J
J07-SS09-1-S	0.25-0.5	7/11/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SS09-1-S	0.25-0.5	7/11/94	D2216	Moisture/TNFR	6.8	percent	
J07-SS09-1-S	0.25-0.5	7/11/94	D4031	Immunoassay BTEX	2< X <10	mg/kg	

J07-SS10-1-S	0.25-0.5	7/11/94	6010	Arsenic	11	mg/kg	J
J07-SS10-1-S	0.25-0.5	7/11/94	6010	Barium	390	mg/kg	
J07-SS10-1-S	0.25-0.5	7/11/94	6010	Cadmium	0.93	mg/kg	
J07-SS10-1-S	0.25-0.5	7/11/94	6010	Chromium	13	mg/kg	
J07-SS10-1-S	0.25-0.5	7/11/94	6010	Lead	32	mg/kg	J
J07-SS10-1-S	0.25-0.5	7/11/94	6010	Selenium	5.1	mg/kg	J
J07-SS10-1-S	0.25-0.5	7/11/94	6010	Silver	< 1	mg/kg	
J07-SS10-1-S	0.25-0.5	7/11/94	7471	Mercury	< 0.04	mg/kg	
J07-SS10-1-S	0.25-0.5	7/11/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07-SS10-1-S	0.25-0.5	7/11/94	D2216	Moisture/TNFR	5.3	percent	
J07-SS10-1-S	0.25-0.5	7/11/94	D4031	Immunoassay BTEX	2< X <10	mg/kg	

Summary Table of Analytical Data



SWMU J07E - Dock 3/Landfill

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07E-SB01-1-S	7.25-7.5	8/16/94	6010	Arsenic	< 4	mg/kg	
J07E-SB01-1-S	7.25-7.5	8/16/94	6010	Barium	67	mg/kg	
J07E-SB01-1-S	7.25-7.5	8/16/94	6010	Cadmium	< 0.2	mg/kg	
J07E-SB01-1-S	7.25-7.5	8/16/94	6010	Chromium	4	mg/kg	J
J07E-SB01-1-S	7.25-7.5	8/16/94	6010	Lead	5.7	mg/kg	J
J07E-SB01-1-S	7.25-7.5	8/16/94	6010	Selenium	< 5	mg/kg	
J07E-SB01-1-S	7.25-7.5	8/16/94	6010	Silver	1.6	mg/kg	J
J07E-SB01-1-S	7.25-7.5	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07E-SB01-1-S	7.5-7.75	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	1,1-Dichloroethylene	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Methylene chloride	2.5	ug/kg	U
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Tetrachloroethylene	< 0.6	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Trichloroethylene	< 1	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07E-SB01-1-S	7.75-8.0	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	



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J07E-SB01-1-S	7.5-7.75	8/16/94	D2216	Moisture/TNFR	4.5	percent	
J07E-SB01-1-S	7.5-7.75	8/16/94	D2216	Moisture/TNFR	3.7	percent	

J07E-SB01-2-S	11.75-12.0	8/16/94	6010	Arsenic	< 4	mg/kg	
J07E-SB01-2-S	11.75-12.0	8/16/94	6010	Barium	51	mg/kg	
J07E-SB01-2-S	11.75-12.0	8/16/94	6010	Cadmium	< 0.2	mg/kg	
J07E-SB01-2-S	11.75-12.0	8/16/94	6010	Chromium	2.2	mg/kg	J
J07E-SB01-2-S	11.75-12.0	8/16/94	6010	Lead	< 5	mg/kg	
J07E-SB01-2-S	11.75-12.0	8/16/94	6010	Selenium	< 5	mg/kg	
J07E-SB01-2-S	11.75-12.0	8/16/94	6010	Silver	< 0.9	mg/kg	
J07E-SB01-2-S	11.75-12.0	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07E-SB01-2-S	12.0-12.25	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Ethybenzene	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Methylene chloride	2.1	ug/kg	U
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Trichloroethene	< 1	ug/kg	



Summary Table of Analytical Data

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07E-SB01-2-S	12.25-12.5	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07E-SB01-2-S	12.0-12.25	8/16/94	D2216	Moisture/TNFR	3.8	percent	
J07E-SB01-2-S	12.0-12.25	8/16/94	D2216	Moisture/TNFR	2.1	percent	

J07E-SB01-3-S	21.25-21.5	8/16/94	6010	Arsenic	< 4	mg/kg	
J07E-SB01-3-S	21.25-21.5	8/16/94	6010	Barium	160	mg/kg	
J07E-SB01-3-S	21.25-21.5	8/16/94	6010	Cadmium	< 0.2	mg/kg	
J07E-SB01-3-S	21.25-21.5	8/16/94	6010	Chromium	6.4	mg/kg	
J07E-SB01-3-S	21.25-21.5	8/16/94	6010	Lead	8	mg/kg	J
J07E-SB01-3-S	21.25-21.5	8/16/94	6010	Selenium	< 5	mg/kg	
J07E-SB01-3-S	21.25-21.5	8/16/94	6010	Silver	1.1	mg/kg	J
J07E-SB01-3-S	21.25-21.5	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07E-SB01-3-S	21.5-21.75	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Methylene chloride	< 0.4	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	



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Summary Table of Analytical Data

SWMU J07E - Dock 3/Landfill

Hawthorne Army Depot

Hawthorne, Nevada



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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07E-SB01-3-S	21.75-22.0	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07E-SB01-3-S	21.5-21.75	8/16/94	D2216	Moisture/TNFR	8.8	percent	
J07E-SB01-3-S	21.5-21.75	8/16/94	D2216	Moisture/TNFR	3.4	percent	

J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Methylene chloride	< 0.4	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07E-SB01-3-SD (DP2	22.75-23.0	8/16/94	D2216	Moisture/TNFR	2.8	percent	

Summary Table of Analytical Data



SWMU J07E - Dock 3/Landfill

Hawthorne Army Depot

Hawthorne, Nevada

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07E-SB01-4-S	28.75-29.0	8/16/94	6010	Arsenic	< 4	mg/kg	
J07E-SB01-4-S	28.75-29.0	8/16/94	6010	Barium	98	mg/kg	
J07E-SB01-4-S	28.75-29.0	8/16/94	6010	Cadmium	< 0.2	mg/kg	
J07E-SB01-4-S	28.75-29.0	8/16/94	6010	Chromium	9.2	mg/kg	
J07E-SB01-4-S	28.75-29.0	8/16/94	6010	Lead	5.6	mg/kg	J
J07E-SB01-4-S	28.75-29.0	8/16/94	6010	Selenium	< 5	mg/kg	
J07E-SB01-4-S	28.75-29.0	8/16/94	6010	Silver	< 0.9	mg/kg	
J07E-SB01-4-S	28.75-29.0	8/16/94	7471	Mercury	< 0.04	mg/kg	
J07E-SB01-4-S	29.0-29.25	8/16/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	1,2-Dichloropropene	< 0.8	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	2-Chloroethylvinylether	< 0.6	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Benzene	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Bromobenzene	< 0.4	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Bromoform	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Bromomethane	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Chloroethane	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Chloroform	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Chloromethane	< 0.6	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Dibromomethane	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Methylene chloride	1.8	ug/kg	U
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Toluene	< 0.4	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Trichloroethene	< 1	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07E-SB01-4-S	29.25-29.5	8/16/94	8260	Vinyl chloride	< 0.2	ug/kg	



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Summary Table of Analytical Data

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07E-SB01-4-S	28.75-29.0	8/16/94	D2216	Moisture/TNFR	2.4	percent	
J07E-SB01-4-S	28.75-29.0	8/16/94	D2216	Moisture/TNFR	1.2	percent	

J07E-SB02-1-S	7.25-7.5	8/17/94	6010	Arsenic	< 4	mg/kg	
J07E-SB02-1-S	7.25-7.5	8/17/94	6010	Barium	290	mg/kg	
J07E-SB02-1-S	7.25-7.5	8/17/94	6010	Cadmium	1.2	mg/kg	
J07E-SB02-1-S	7.25-7.5	8/17/94	6010	Chromium	9.6	mg/kg	
J07E-SB02-1-S	7.25-7.5	8/17/94	6010	Lead	19	mg/kg	J
J07E-SB02-1-S	7.25-7.5	8/17/94	6010	Selenium	< 5	mg/kg	
J07E-SB02-1-S	7.25-7.5	8/17/94	6010	Silver	< 1	mg/kg	
J07E-SB02-1-S	7.25-7.5	8/17/94	7471	Mercury	< 0.04	mg/kg	
J07E-SB02-1-S	7.5-7.75	8/17/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Benzene	< 5.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Bromobenzene	< 0.4	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Bromoform	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Bromomethane	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Chlorobenzene	< 5.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Chloroethane	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Chloroform	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Chloromethane	< 0.6	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Dibromomethane	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Methylene chloride	< 0.4	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07E-SB02-1-S	7.75-8.0	8/17/94	D2216	Moisture/TNFR	6.3	percent	



Summary Table of Analytical Data

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07E-SB02-1-S	7.75-8.0	8/17/94	D2216	Moisture/TNFR	5.6	percent	
J07E-SB02-1-S	7.75-8.0	8/17/94	D2216	Moisture/TNFR	3.5	percent	

J07E-SB02-2-S	10.25-10.5	8/17/94	6010	Arsenic	< 4	mg/kg	
J07E-SB02-2-S	10.25-10.5	8/17/94	6010	Barium	230	mg/kg	
J07E-SB02-2-S	10.25-10.5	8/17/94	6010	Cadmium	0.72	mg/kg	
J07E-SB02-2-S	10.25-10.5	8/17/94	6010	Chromium	4.8	mg/kg	J
J07E-SB02-2-S	10.25-10.5	8/17/94	6010	Lead	9.9	mg/kg	J
J07E-SB02-2-S	10.25-10.5	8/17/94	6010	Selenium	< 5	mg/kg	
J07E-SB02-2-S	10.25-10.5	8/17/94	6010	Silver	< 0.9	mg/kg	
J07E-SB02-2-S	10.25-10.5	8/17/94	7471	Mercury	< 0.04	mg/kg	
J07E-SB02-2-S	10.5-10.75	8/17/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Benzene	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Bromobenzene	< 0.4	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Bromoform	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Bromomethane	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Chloroethane	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Chloroform	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Chloromethane	< 0.6	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Dibromomethane	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Methylene chloride	< 0.4	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Toluene	< 0.4	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Trichloroethene	< 1	ug/kg	



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Summary Table of Analytical Data

SWMU J07E - Dock 3/Landfill

Hawthorne Army Depot

Hawthorne, Nevada

January 1996



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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07E-SB02-2-S	10.75-11.0	8/17/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07E-SB02-2-S	10.25-10.5	8/17/94	D2216	Moisture/TNFR	3.8	percent	
J07E-SB02-2-S	10.25-10.5	8/17/94	D2216	Moisture/TNFR	2.5	percent	

J07E-SB02-3-S	19.25-19.5	8/17/94	6010	Arsenic	< 4	mg/kg	
J07E-SB02-3-S	19.25-19.5	8/17/94	6010	Barium	120	mg/kg	
J07E-SB02-3-S	19.25-19.5	8/17/94	6010	Cadmium	1.3	mg/kg	
J07E-SB02-3-S	19.25-19.5	8/17/94	6010	Chromium	6.7	mg/kg	
J07E-SB02-3-S	19.25-19.5	8/17/94	6010	Lead	9.9	mg/kg	J
J07E-SB02-3-S	19.25-19.5	8/17/94	6010	Selenium	< 5	mg/kg	
J07E-SB02-3-S	19.25-19.5	8/17/94	6010	Silver	< 0.9	mg/kg	
J07E-SB02-3-S	19.25-19.5	8/17/94	7471	Mercury	< 0.04	mg/kg	
J07E-SB02-3-S	19.5-19.75	8/17/94	8015M	TPH (as diesel)	< 1	mg/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	1,1,1,2-Tetrachloroethane	< 0.4	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	1,1,1-Trichloroethane	< 0.6	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	1,1,2,2-Tetrachloroethane	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	1,1,2-Trichloroethane	< 0.4	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	1,1-Dichloroethane	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	1,1-Dichloroethene	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	1,2,3-Trichloropropane	< 0.8	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	1,2-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	1,2-Dichloroethane	< 0.6	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	1,2-Dichloropropane	< 0.8	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	1,3-Dichlorobenzene	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	1,4-Dichlorobenzene	< 0.4	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Benzene	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Bromobenzene	< 0.4	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Bromodichloromethane	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Bromoform	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Bromomethane	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Carbon Tetrachloride	< 0.6	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Chlorobenzene	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Chloroethane	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Chloroform	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Chloromethane	< 0.6	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	cis-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Dibromochloromethane	< 0.6	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Dibromomethane	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Dichlorodifluoromethane	< 0.1	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Ethylbenzene	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Methylene chloride	< 0.4	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Tetrachloroethene	< 0.6	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Toluene	< 0.4	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Total Xylene Isomers	< 0.6	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	trans-1,2-Dichloroethene	< 0.2	ug/kg	

Summary Table of Analytical Data



SWMU J07E - Dock 3/Landfill

Hawthorne Army Depot

Hawthorne, Nevada

FINAL

January 1996

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Sample ID	Sample Depth (ft)	Sample Date	Method	Analyte	Value	Units	Flag
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	trans-1,3-Dichloropropene	< 0.2	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Trichloroethene	< 1	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Trichlorofluoromethane	< 0.1	ug/kg	
J07E-SB02-3-S	19.75-20.0	8/17/94	8260	Vinyl chloride	< 0.2	ug/kg	
J07E-SB02-3-S	19.5-19.75	8/17/94	D2216	Moisture/TNFR	4.9	percent	
J07E-SB02-3-S	19.5-19.75	8/17/94	D2216	Moisture/TNFR	3.6	percent	

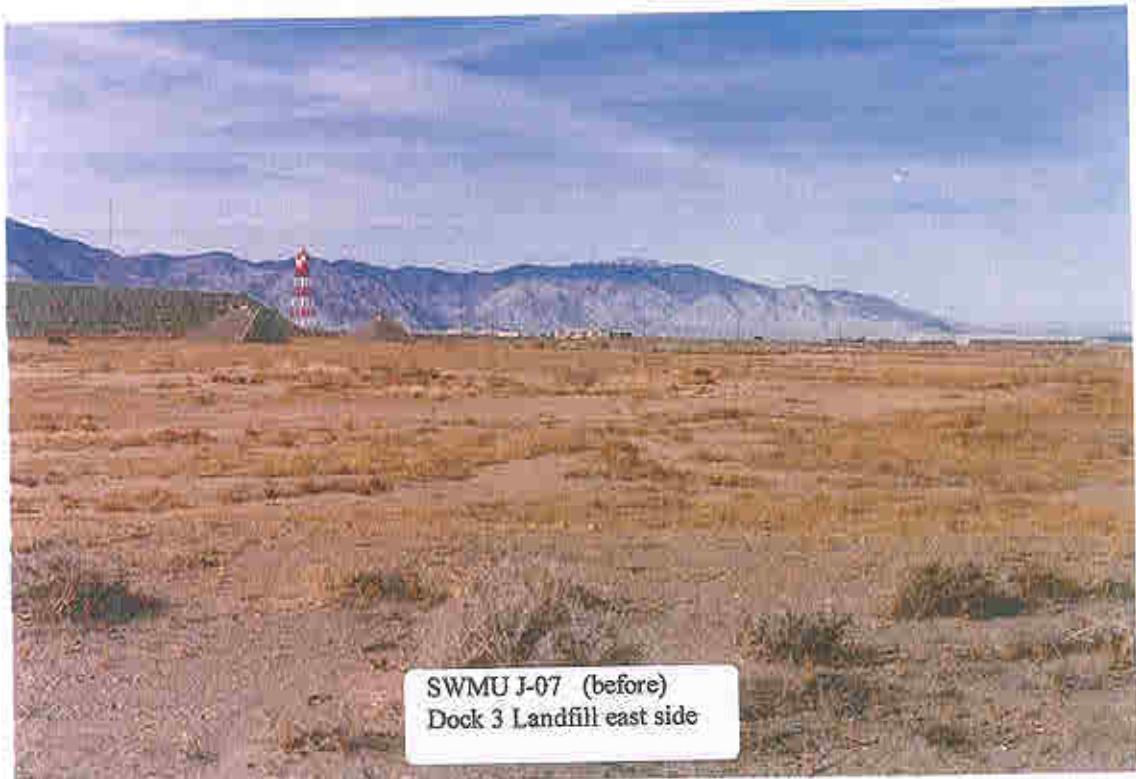
Appendix C

Survey Data at SWMU J-07
Hawthorne Army Depot
Hawthorne, Nevada

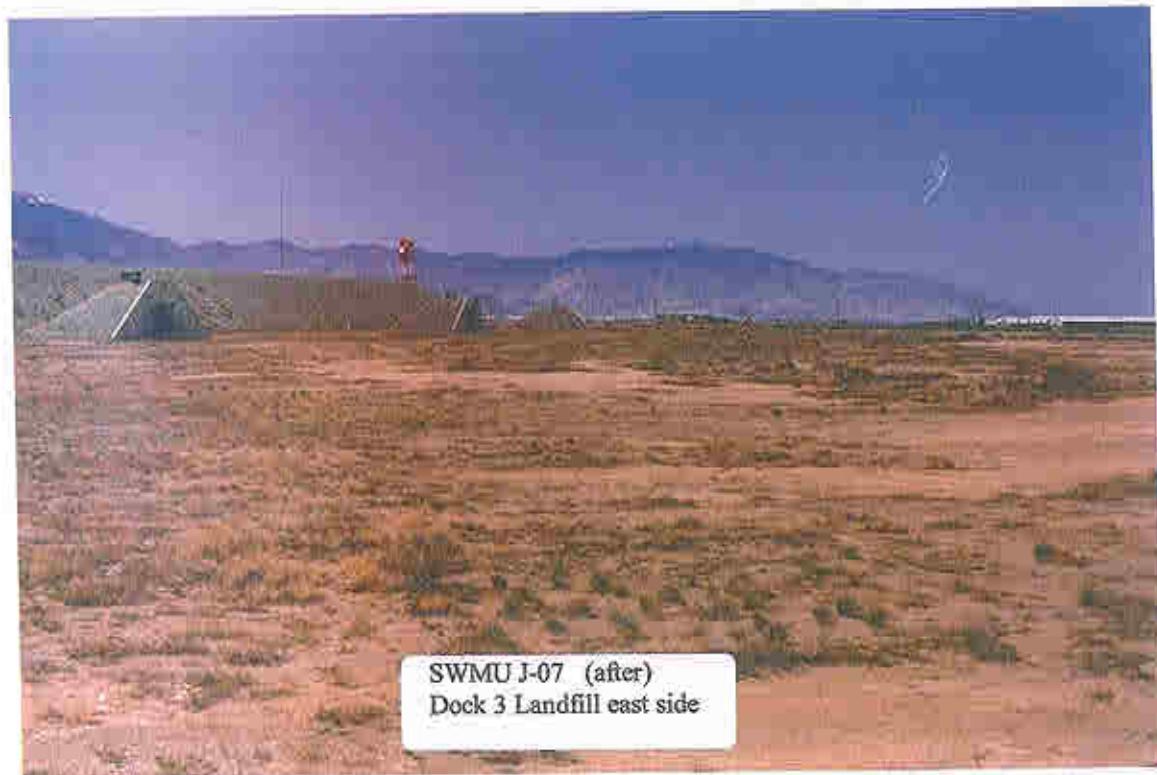
Point Name	Northing	Easting
J07WESTGE001	496827.98	1371875.9
J07WESTGE002	497604.61	1370704.31
J07EASTGE003	497875.02	1371105.23
J07EASTGE004	497649.54	1372332.75
J07E-SB-1	497653.65	1371901.66
J07E-SB-2	497931.39	1371343.38
J07W-SB-1	496750.99	1371670.9
J07W-SB-2	497368.28	1370711.99
J07W-SB-3	496936.91	1371279.39
SG-1	496658.3	1371760.83
SG-10	497683.99	1372105.58
SG-2	496813.29	1371147.23
SG-3	497003.56	1371214.56
SG-4	497411.5	1370757.5
SG-5	497593.14	1370540.45
SG-6	497775.75	1371337.93
SG-7	497784.96	1371644.55
SG-8	497847.61	1371819.7
SG-9	497572.41	1371914.42
SS-1	496638.84	1371752.83
SS-10	497929.12	1371299.31
SS-2	496916.91	1371567.44
SS-3	496863.68	1371358.08
SS-4	497216.38	1370955.97
SS-5	497465	1370882.05
SS-6	497449.52	1370513.15
SS-7	497532.63	1371932.24
SS-8	497761.79	1371778.19
SS-9	497675.65	1371554.98

Footnote: Survey data in Nevada State Plane West, 1927 coordinates.

Appendix D



SWMU J-07 (before)
Dock 3 Landfill east side



SWMU J-07 (after)
Dock 3 Landfill east side

